



COUNTY OF SAN LUIS OBISPO HEALTH AGENCY PUBLIC HEALTH LABORATORY

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SPECIMEN COLLECTION & TRANSPORT INSTRUCTIONS

QuantiFERON Collection Kit

SPECIMEN STORAGE & TRANSPORT

Temperature: room temperature (17 °C - 25 °C / 63 °F - 77 °F)

Maximum Holding Time: 16 hours, but ASAP preferred (time from collection to test set-up in laboratory)

Exceptions: for any exceptions to collection, storage or transport conditions, please call lab first to discuss.

KIT STORAGE

Temperature: room temperature (17 °C - 25 °C / 63 °F - 77 °F)

Expiration: kit must be used prior to expiration date listed on kit label

ACCEPTABLE SPECIMEN TYPES

Whole Blood: 3 QuantiFERON tubes

TEST ORDER OPTIONS FOR THIS KIT

7700: QuantiFERON

REJECTION CRITERIA

- holding time greater than 16 hours
- specimen tubes not labeled
- tube volume outside acceptable range
- tubes not stored at room temperature

Order of Draw



1

2

3

Acceptable Volume Range



≥ 0.8 mL

1.0 mL

≤ 1.2 mL

SPECIMEN COLLECTION

1. **Fill Blood Tubes to Correct Volume:** The black mark on the side of the tubes indicates the 1 mL volume line. The QuantiFERON test has been validated for accuracy for tube volumes ranging from 0.8 to 1.2 mL. The 1 mL tubes fill slowly, so keep the tube on the needle for 2 - 3 seconds after the tube appears to have completed filling to ensure that the correct volume is drawn. If a "butterfly needle" is used, prime tubing with a "purge" tube before filling the QFT tubes to ensure proper fill volume.
2. **Invert Tubes 10 Times:** Immediately after filling the tubes, invert them 10 times just firmly enough to ensure that the entire inner surface of the tube is coated with blood. Over-energetic shaking may cause gel disruption and could lead to aberrant results. It is essential that the blood mixes thoroughly with the antigens that have been dried onto the inner wall of the tubes.
3. **Label Tubes:** Label each of the three tubes with the patient's name & date of birth, as well as the collection date and time. Place the labeled collection tubes inside the zippered portion of the biohazard specimen bag and seal tightly.
4. **Do Not Centrifuge, Refrigerate, or Freeze the Blood Tubes**
5. **Complete Requisition Form:** Fold it in half once (no staples please) and place in the outer pocket of the biohazard specimen bag (not inside the zippered pouch with the specimen).
6. **Transport at room temperature to the laboratory ASAP, but within 16 hours of collection.**